ABSTRACT

The method for measuring substances of this invention carries out both sample preparation and detection of substances in a sample, in accordance with the photothermal conversion detection method, in a capillary of a microchip, whereby the quantity of substances, such as hemoglobin and ALP, can be measured from a very small amount of sample obtained from the constituents of living organism simply and easily and for a very short period time. In addition, the method allows the wastes caused by the measurements to be small.

Further, the method of this invention employs laser light having a long wave length as excitation light, whereby the photothermal conversion detection device can be manufactured and the measurements can be carried out at low costs.

Thus, the method for measuring substances of this invention can be suitably applied to the POC analyses and the like.

Further, the method for measuring substances of this invention allows even a blood sample having chyle therein to be measured simply and easily in accordance with the photothermal detection method.

Still further, the use of the measuring reagent of this invention allows the quantity of substances, such as hemoglobin and ALP, in a very small amount of sample obtained from the constituent of living organism to be measured stably in accordance with the photothermal converting detection method.